Pooja Singh

Frontend Developer

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PROFILE

Frontend Developer with 3+ years of experience delivering scalable, high-performance SPAs and PWAs using React.js, Next.js, TypeScript, and Tailwind CSS. Skilled in UI performance optimization, design system implementation, and accessibility compliance (WCAG). Strong background in TDD (Jest, RTL, Cypress) and CI/CD automation. Proven ability to collaborate in Agile teams, reduce bugs by 25%, and accelerate delivery cycles by 40%.

PROFESSIONAL EXPERIENCE

SDE-1, Voxwill Technologies Pvt Ltd *⊘*

Jan 2024 – Present | delhi, India

- Developed and deployed 15+ reusable React/Next.js components, improving UI scalability and reducing development time by 30%
- Built a secure contract management platform with role-based access (Admin, Legal, Business, Super Admin), conditional dashboards, and chat encryption/decryption for safe communication.
- Applied TDD practices with Jest & Cypress and implemented unit/integration tests, reducing production bugs by 25% and improving release reliability.
- Integrated RESTful APIs with PostgreSQL & MongoDB, optimized large dataset handling for 10K+ daily records with minimal latency.
- Enhanced collaboration workflows by integrating email notifications and ticket handling systems, improving client communication and issue resolution by 30%.
- Led performance optimization & CI/CD deployment pipelines (GitHub Actions), achieving faster releases and reducing delivery cycles by 40%.

Full Stack Developer, Lifecircles Infomedia @

Mar 2022 - Jan 2024

- Streamlined operations by building a robust PDF & Invoice generation service, reducing manual effort by 40%.
- Architected a high-performance MERN stack website with full CRUD operations, boosting user satisfaction by 30% and reducing page load times by 15% through optimized code and caching strategies.
- Debugged and optimized core modules, improving performance by 25% and delivering a smoother, faster User Experience.
- Deployed & Maintained the application with 99.9% Uptime, scaling seamlessly to support 1000+ Active Users.
- Created a Dynamic/Static Coupon System with customizable parameters, increasing customer engagement by 20% via targeted
- Implemented Authentication & Authorization with JWT and role-based access, strengthening platform security and reducing unauthorized incidents by 90%.
- Collaborated with Designers & Stakeholders, ensuring a pixel-perfect, responsive UI and boosting user engagement by 35%.

SKILLS

Frontend Technologies — React.js, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3 (Flexbox, Grid), Sass, Tailwind CSS, Styled-Components, Ant Design, Material UI, Responsive Web Design, Cross-Browser Compatibility, Progressive Web Apps (PWA), Single Page Applications (SPA), Accessibility (WCAG Compliance), UI Performance Optimization

State Management & Workflows — Redux Toolkit, RTK Query, Zustand, Context API, React Router, Agile/Scrum Methodologies, Git/GitHub, CI/CD Pipelines (GitHub Actions)

Animations & UI/UX — Framer Motion, GSAP, CSS Transitions, Component-driven Design, Pixel-perfect Implementation, Familiarity with Design Systems, Figma-to-React Integration

Testing & Debugging — Test, React Testing Library, Cypress, Enzyme, Test-Driven Development (TDD), API Mocking, Snapshot Testing, Performance Testing, Browser Debugging Tools

Architecture & System Design: — OOP Principles, SPA & PWA Architecture, Component Reusability, Micro-frontend Concepts, Scalable Frontend Architecture, Secure Authentication Flows

Tools & Build Systems — Webpack, Vite, Babel, NPM, Yarn, Git, GitLab, Jira, Trello, VS Code, Chrome DevTools, Lighthouse Audits

Backend & APIs - Node.js, Express.js, RESTful APIs, GraphQL (basic), JWT Authentication, Microservices API Integration, WebSockets (real-time features)

Databases & Cloud — MongoDB, Firebase (Firestore, Authentication), MySQL, AWS (S3, CloudFront, Lambda – basic), Vercel Deployment, CDN Optimization

Problem Solving — Arrays, Strings, Subarrays/Substrings, Hashmaps, Two-pointer, Sliding Window, Sorting Algorithms, Binary Search, Stack, Queue, Recursion

Performance & Security — SEO Best Practices, Code Splitting, Lazy Loading, Lighthouse Performance Optimization, Cross-Origin Resource Sharing (CORS), Content Security Policy (CSP), XSS Prevention, Secure Authentication Flows

PROJECTS

Quick Ai &

- Developed a full-stack GenAI platform with Clerk Authentication, Gemini API, and NeonDB, providing tools for resume review, content generation, and image editing.
- Built reusable React.js + TypeScript + Tailwind CSS components, ensuring scalable and modular UI architecture.
- Integrated RESTful APIs (Express.js + Cloudinary) for secure, high-performance image management.
- Implemented a real-time dashboard with Redux Toolkit state management, enabling live updates and seamless UX.

E-R Diagram Builder &

- Engineered an intuitive drag-and-drop UI with React (Vite + Context API), enabling dynamic state management.
- Built a secure Node is + Express backend with MongoDB authentication & storage, ensuring fast and reliable retrieval.
- Optimized performance by reusing UI components and reducing rendering overhead by 25%.
- Collaborated in Agile sprints with designers and backend engineers to ship production-ready features.

MERN E-Commerce Website *⊘*

- Architected a scalable e-commerce platform (React.js, Express.js, MongoDB), handling 1,500+ weekly API requests with optimized performance.
- Designed and implemented secure payment/auth flows (Braintree + JWT), ensuring fraud prevention & data security.
- Built reusable, responsive UI components, improving cross-browser compatibility and reducing UI bug reports by 20%.
- Deployed production-ready app on Vercel with CDN optimization, ensuring 99.9% uptime.

Algorithm Visualization &

- Developed an interactive algorithm visualization tool in React.js, adopted by 500+ users, showcasing Sorting, Sliding Window, and Two-Pointer techniques.
- Achieved 99% Lighthouse performance score through performance optimizations and efficient rendering.
- Integrated Framer Motion animations and CSS transitions for engaging real-time visualization.
- Modularized codebase for reusability and cross-device compatibility, reducing dev effort by 30%.

Finance Manager

- Designed a real-time expense tracking system with Firebase Firestore, enabling instant multi-device synchronization.
- Built interactive charts & dashboards with Recharts, improving user adoption by 20%.
- Delivered a PWA-enabled app with offline support and optimized loading times (<2s).
- Ensured secure, scalable architecture for long-term financial data management.

EDUCATION

MCA, Uttaranchal University ℰ	Jun 2025 – Present Dehradun, Uttarakhand
Full Stack Web Development, Masai School ⊗	Jun 2024 – Jan 2025 Bengaluru, Karnataka
Bachelor's Degree, Singhania University ∅	Apr 2022 – Apr 2024 Jhunjhunu, Rajasthan
Diploma, Meera Bai Institute of Technology ⊗	Aug 2019 – Jul 2021 Maharani Bagh, India

CERTIFICATES

Masai Graduation 🔗 📗 Full stack development 🔗 📗 Construct Week Projects 🔗

LANGUAGES

Hindi | English